REMARKS/ARGUMENTS

Reconsideration of this application in light of the above amendments is courteously solicited.

In light of the Board of Appeal's decision dated June 23, 2005, applicant has filed the instant Request for Continuing Examination application and amended the claims as set forth above. The catalyst in question is a photocatalyst. The catalyst of the Kramer et al. is not a photocatalyst but rather a catalyst which is used in high temperature hydroprocessing of hydrocarbon feedstocks to upgrade same to a more useful product. The catalyst is not a photocatalyst for purifying contaminated gas streams, and, therefore, it would not be obvious to select the composition of the catalyst as claimed in a hydroprocessing method as taught by Kramer et al.

If any additional fees are required in connection with this case, it is respectfully requested that they be charged to Deposit Account No. 02-0184.

Respectfully submitted

James R. Kittrell

By

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Date: August 22, 2005

I, Rachel Piscitelli, hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on August 22, 2005.